McKee
OVERDOORS

RESIDENTIAL • INDUSTRIAL • SERVICE STATION

Residential Overdoors ..2, 3, 4 & 5
Wood Door Construction Details 5
Industrial Overdoors .....6, 7 & 8
Service Station Overdoors 9
Extra Clearance Construction 10
Low Headroom Construction 10
Service Doors 10
Opening Preparation 11
Hardware Details .....12 & 13
Wood and Steel Jamb Construction 13
Industrial Door Operators ..14 & 15
Chain Hoist 15
Representatives 16

OVERDOORS McKee TRADE MARK OPERATORS

McKee STANDARD RESIDENTIAL

MODEL DESCRIPTION

MODELS RWT (wide panels) and RNT (narrow panels) — Doors are counterbalanced by torsion type springs of oil tempered wire attached to a continuous "live" shaft.

MODELS RWS (wide panels) and RNS (narrow panels) — Doors are counterbalanced by individually operating stretch type springs of oil tempered wire.

MODEL R5WT (or S) — Doors are five sections high, instead of the standard four. Hardware and counterbalance are the same as other corresponding models. Available in wide panel arrangement only.

MODEL RFT (or S) "Customline Flush Doors" — Door sections are 1⅝" thick, and are faced both sides with ¼" exterior type fir plywood. A variety of stock window inserts and decorative mouldings are available as optional extras.

MODEL ERWT (or S) "Pacemaker" Economy series. Wood door sections have slightly narrower member sizes, and the panels are of tempered hardboard. Hardware is plated, but does not include exclusive McKee "Twin-Rollors." Weathertight closure and ease of operation are maintained by use of graduated hinges and single rollers. All doors furnished complete, less painting and glazing, for installation in properly prepared openings. All installations by the McKee Door Company or its authorized representatives are fully guaranteed for a full year.

SPECIFICATIONS

STILES AND RAILS: 1⅜" thick Sitka Spruce or Douglas Fir, mortised and tenoned, steel-pinned and glued for extra strength. All meeting rails rabbeted ⅜" for weathertight closure.

PANELS: ¼" exterior grade Fir Plywood or ¼" Hardboard — guaranteed for a lifetime.

SASH SECTION: All solid panels or 3rd or 4th section from the bottom left open for SS or DS glass.

THRU-SHAFT SAFETY COUNTERBALANCE: Helical wound springs, oil tempered wire, custom-computed for individual door.

LIFT CABLES: ⅛" preformed, tinned, aircraft grade cables over grooved, cast metal drums.

TRACKS: 2", inclined, bracket mounted, vertical track and reinforced horizontal track formed with 15" radius segment. Tracks plated to resist rust and corrosion.

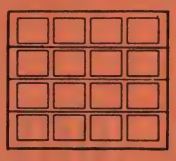
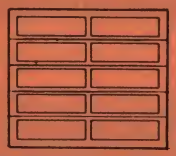
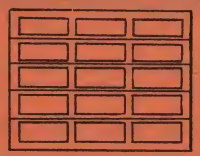
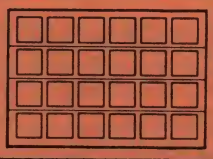
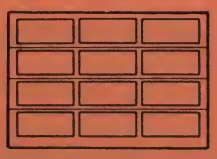
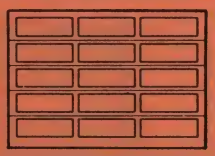
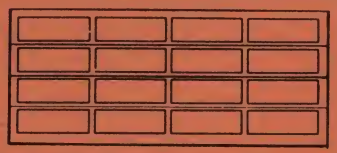
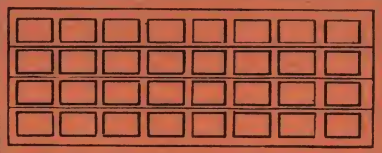
HARDWARE: Zinc-plated, heavy gauge, embossed hinges and fixtures for maximum strength and efficiency.

ROLLERS: Exclusive, patented McKee "Twin-Rollors" at each section joint. Nylon or ball-bearing rollers with case hardened races, attached to adjustable plates eliminate need for graduated type hinges, permit easy adjustment of sections against stop mouldings for weathertight closure, ease of operation and immeasurably longer life.

SIDE LOCK: Rugged, compact mechanism with 5-pin tumbler locking cylinder installed on right or left side of door: Eliminates reaching over car to operate lock.

Furnished complete ready for painting and glazing.
All material and workmanship guaranteed for a full year.

PANEL SCHEDULE

Door Width	Model RN (T or S)	Model RW (T or S)	Model R5W (T or S)
6'-4" Thru 8'-3"			
8'-4" Thru 9'-3"			
9'-4" Thru 13'-3"			
13'-4" Thru 16'-3"			
16'-4" Thru 18'-0"			

McKEE Residential Overdoors are available in any size 6'-4" thru 18'-0" wide and 6'-0" thru 8'-8" high.

OVERDOORS

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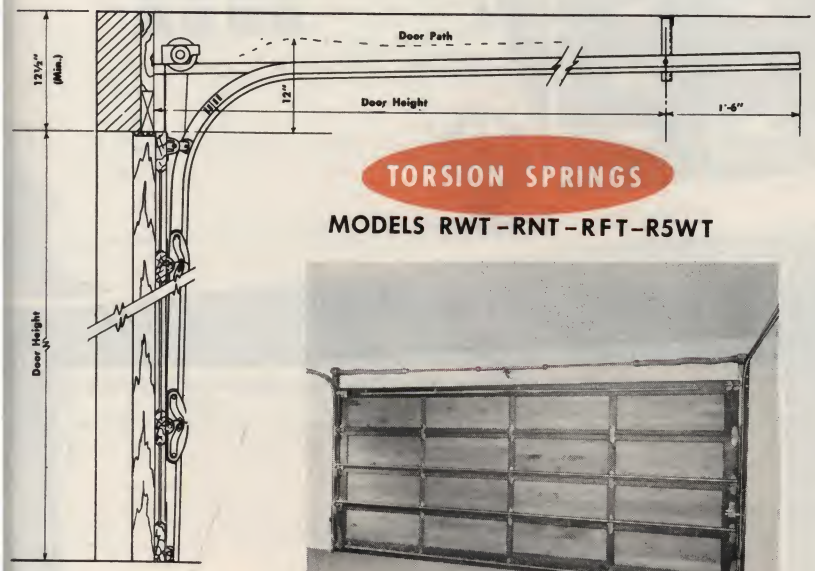
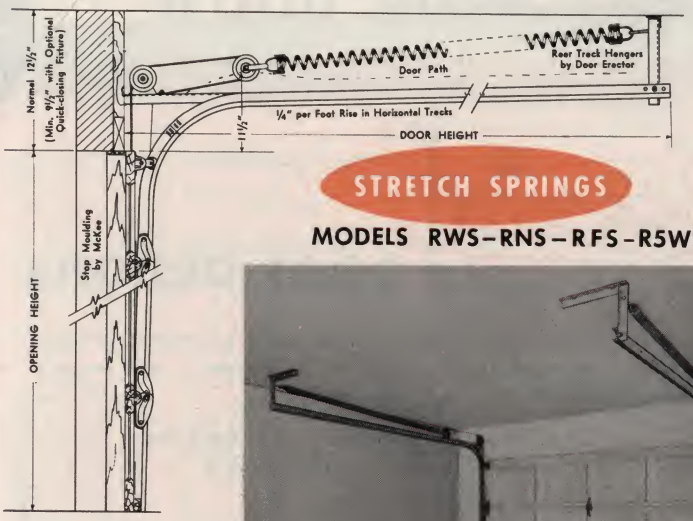


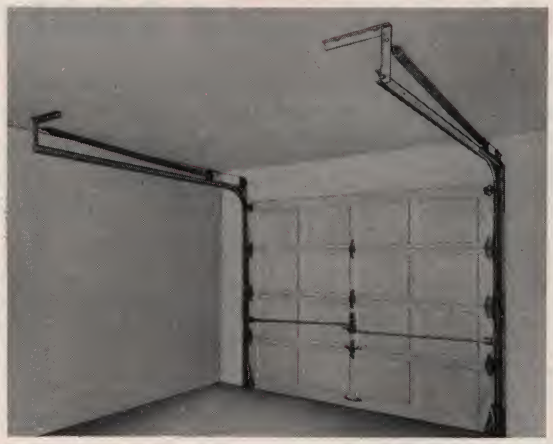
TORSION SPRINGS

MODELS RWT–RNT–RFT–R5WT



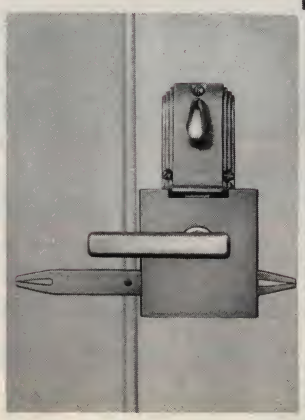
STRETCH SPRINGS

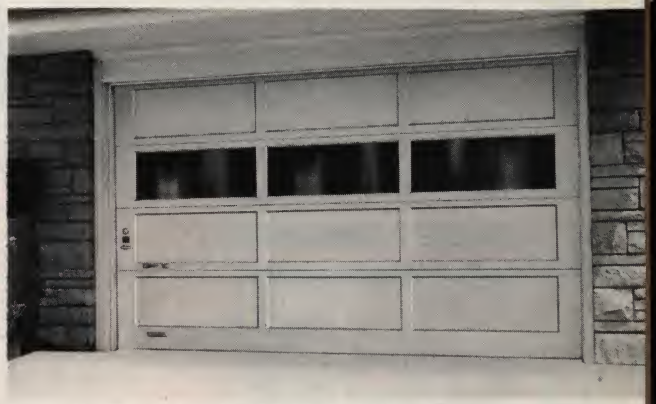
MODELS RWS–RNS–RFS–R5WS

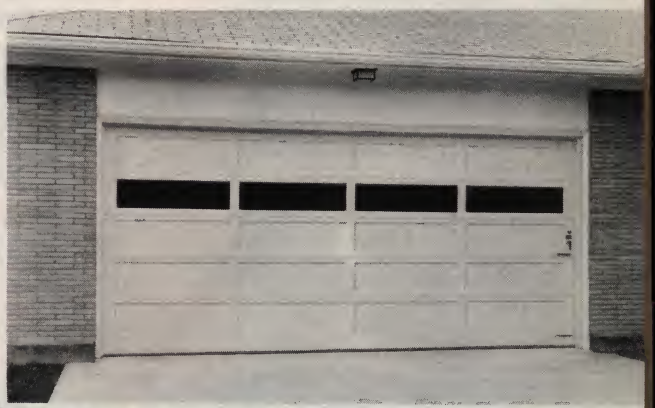


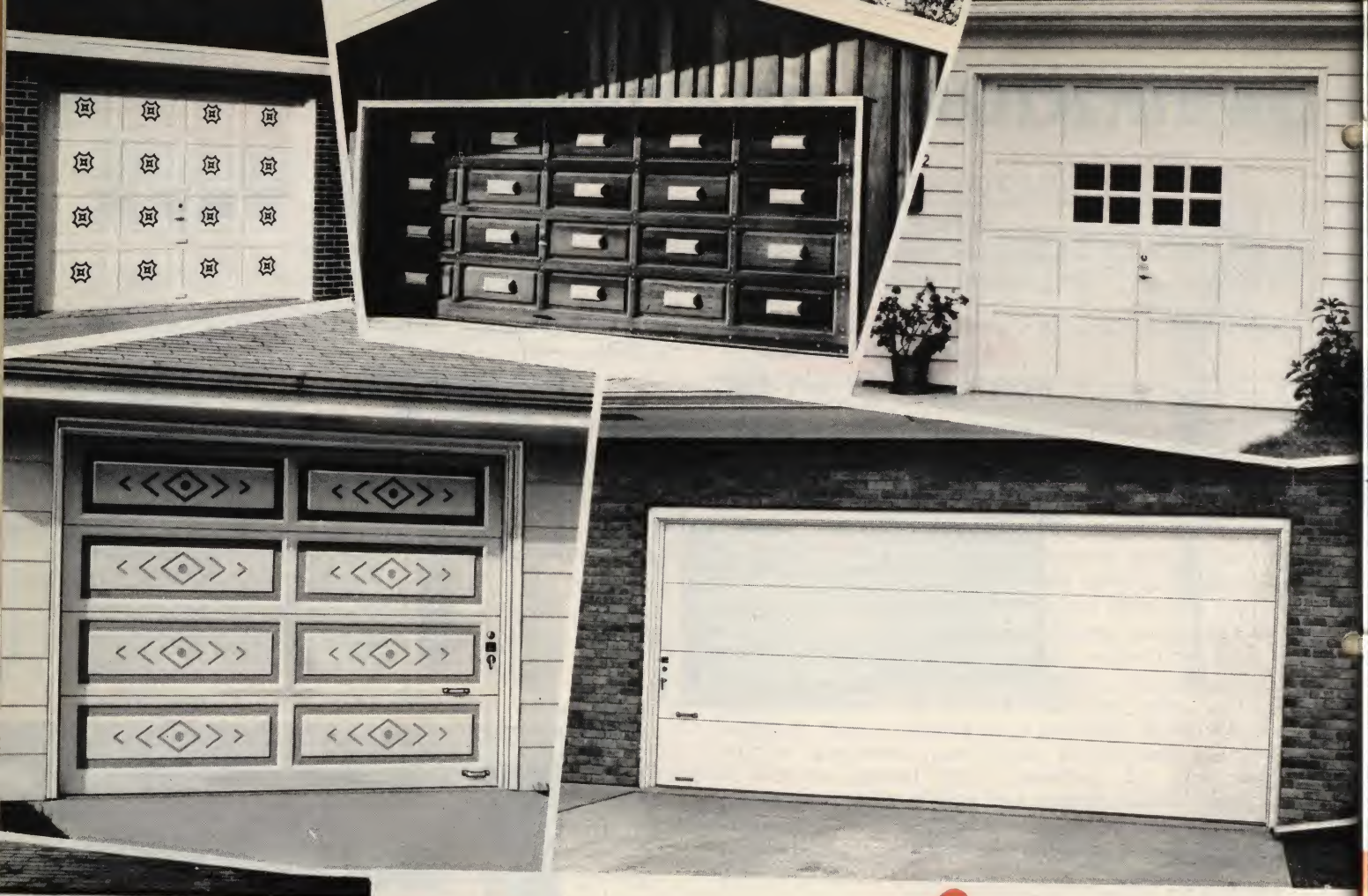
LOCKING DEVICE — MODELS RWT - RNT - RFT - R5WT

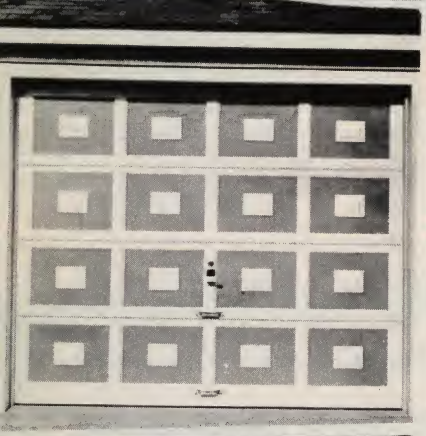
Handsome chrome plated handle and escutcheon on the outside. 5 pin tumbler cylinder lock and rugged, compact side lock mechanism on the inside. Protects the property, and eliminates reaching over car to operate lock.











McKee *Special* DOOR DESIGNS

McKee Overdoors are furnished in many special types or combinations of paneling arrangements, sash arrangements and decorative designs. The following list provides a wide range of special designs to meet the requirements of any decorative scheme:

- **raised panels**
- **raised mouldings**
- **louver panels**
- **decorative blocks**
- **special panel or sash sections**
- **carved raised panels**
- **flush doors**

Your McKee representative is qualified by experience and training to advise you in the proper selection of wood and design to best suit your individual garage door needs. The result will be a McKee Overdoor that will not only enhance the architectural beauty of your home, but will operate so easily that it can be opened and closed by a small child.

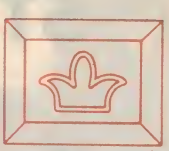
Consult factory for availability of special woods such as cypress, redwood, sugar pine, Idaho pine, chestnut, red or white oak.

CARVED RAISED PANELS

These popular carved panel designs offer a wide latitude in attractive door patterns. Proper selection and painting of the carved panels will complement the architectural styling and color harmony of your home.

The panels are ¾" thick for both 1⅜" and 1¾" Doors.

CRP1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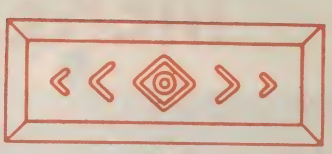
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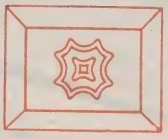
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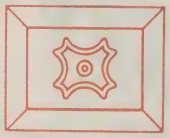
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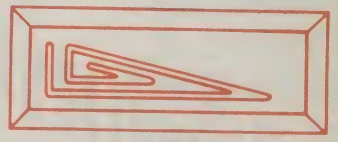
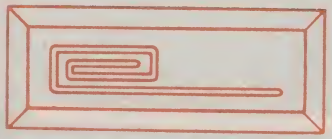

CRP6
DESIGN REVERSED—CRP15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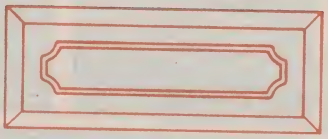
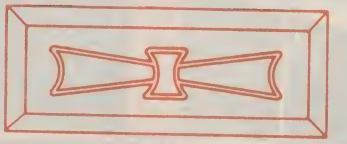
DESIGN REVERSED—CRP16


CRP8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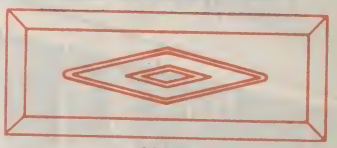
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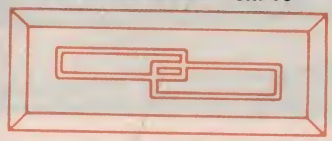
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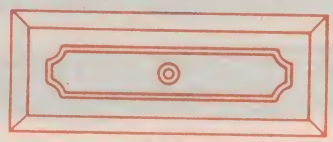
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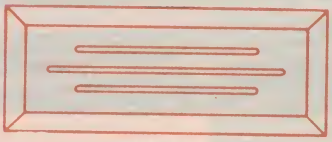
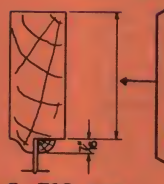

CRP13

CRP14

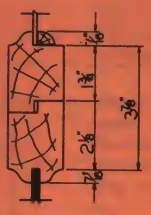
WOOD DOOR CONSTRUCTION DETAILS


E-E TOP RAIL

RESIDENTIAL (1⅜")
5" for all doors

INDUSTRIAL (1¾")
4" for doors thru 8'-3" wide
5" for doors 8'-4" and wider

"PACEMAKER" RESIDENTIAL OVERDOORS (1⅜" THICK)						
DOOR SIZE	MEMBER SIZES					No. of Panels Wide
	D-D	E-E	C-C	A-A	B-B	
8'-0" x 7'-0"	3⅞"	3⅛"	3⅛"	3⅛"	2¾"	2
9'-0" x 7'-0"	3⅞"	3⅛"	3⅛"	3⅛"	2¾"	3
15'-0" x 7'-0"	3⅞"	4"	5"	5"	2¾"	4
16'-0" x 7'-0"	3⅞"	4"	5"	5"	2¾"	4


D-D MEETING RAIL

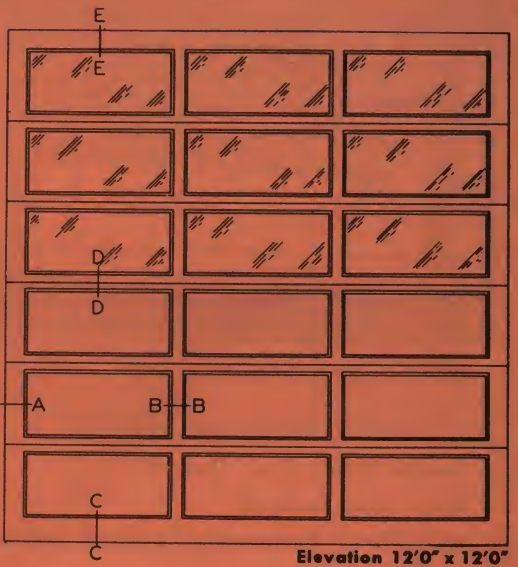
RESIDENTIAL (1⅜")
5" for doors thru 11'-3" wide
7" for doors 11'-4" thru 18'-0" (9'-4" and wider for wide panel doors)

INDUSTRIAL (1¾")
5" for doors thru 10'-3" wide (Thru 13'-3" for 4 and 5 section high doors)
7" for doors 13'-4" thru 21'-3" wide (10'-4" thru 13'-3" over 6 sections high)
8¾" for doors 21'-4" thru 26'-3"
10¾" for doors 26'-4" and wider

RESIDENTIAL OVERDOORS (1⅜" THICK)
4 Sections High (6'0" thru 8'-8" High)
5 Sections High (6'-6" thru 8'-8" High)

DOOR WIDTH	NO. OF PANELS WIDE	
	Wide	Narrow
thru 6'-3"	2	2
6'-4" thru 8'-3"	2	4
8'-4" thru 9'-3"	3	4
9'-4" thru 13'-3"	3	6
13'-4" thru 16'-3"	4	8
16'-4" thru 18'-0"	5	8

Note: 5 section high doors furnished only with wide paneling.

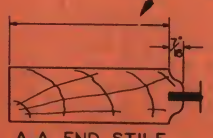


Elevation 12'0" x 12'0"

C-C BOTTOM RAIL

RESIDENTIAL (1⅜")
5" for all door sizes

INDUSTRIAL (1¾")
5" for doors thru 16'-3" wide
7" for doors 16'-4" and wider


A-A END STILE

B-B INTER STILE

INDUSTRIAL AND COMMERCIAL DOORS (1¾" thick)

PANELS

DOOR WIDTH	No. of Panels Wide	
	Wide	Narrow
thru 8'-3"	2	4
8'-4" thru 10'-3"	3	4
10'-4" thru 14'-3"	4	6
14'-4" thru 21'-3"	6	8
21'-4" thru 24'-3"	8	10
24'-4" thru 26'-3"	10	
26'-4" thru 30'-3"	12	

SECTIONS

DOOR HEIGHT	No. of Sections
6'-0" thru 8'-8"	4
8'-9" thru 10'-8"	5
10'-9" thru 12'-8"	6
12'-9" thru 14'-8"	7
14'-9" thru 17'-0"	8

McKee STANDARD INDUSTRIAL

OPTIONAL FEATURES AVAILABLE AT EXTRA COST

- Special Wood Door Designs
- Flush Door Sections
- Wood Door Preservative Treated and/or Primed
- Steel or Aluminum Door Sections
- Extra Clearance or Low Headroom Construction
- Continuous Angle Mounting — Where Bracket Mounting is Standard
- Rubber Astragal (page 13)
- Chain Hoist (page 15)
- Electric Operator (page 14)
- Movable Post(s)
- Vertical Lift Doors — Weight or Spring Counterbalanced (page 8)
- Special Features to Order

SPECIFICATIONS

STILES AND RAILS: 1¾" thick Sitka Spruce, mortised and tenoned, steel-pinned and glued for extra strength. All meeting rails rabbeted ⅜" for weathertight closure.

PANELS: ¼" hardboard or exterior type Fir plywood at customer's option.

SASH SECTIONS: Doors either all solid panels or any section or sections open for glass.

COUNTERBALANCE: Twin Torsion Springs of oil tempered wire, custom-computed for weight and travel of each door supplied. Cable drums of heavy cast metal, featuring a graduated spiral groove for vernier adjustment.

LIFT CABLES: 7 x 19 strand high-tensile type of a diameter properly selected for weight of door plus adequate safety factor.

TRACKS: 2", inclined, bracket mounted vertical tracks and reinforced horizontal tracks formed on combination 15" — 20" radius (8" — 15" radius combination optional). Tracks plated to resist rust and corrosion.

HARDWARE: Zinc-plated, heavy 12 gauge hinges and fixtures designed by McKee for maximum strength and efficiency.

ROLLERS: Exclusive, patented McKee "Twin-Rollors" at each section joint. Ball-bearing rollers with case hardened races, attached to adjustable plates eliminate need for graduated type hinges, permit easy adjustment of sections against stop mouldings for weathertight closure, ease of operation and immeasurably longer roller life.

LOCKING: Cremone type locking device with heavy lock bars engaging both tracks. Equipped with 5 pin tumbler cylinder lock with two keys.

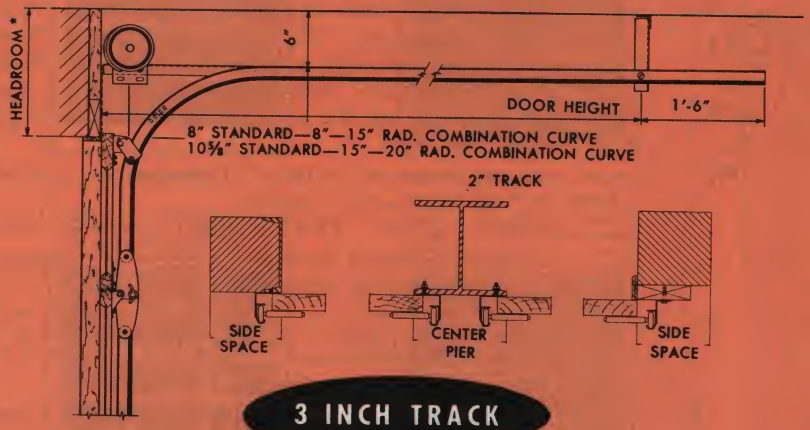
MODELS CWT (wide panel) and **CNT** (narrow panel) — Designed for commercial and industrial use where opening width does not exceed 24'-3", or area does not exceed 310 square feet. (Consult factory for use of these models on larger openings). Doors furnished with 2" track and two steel ball bearing Twin Rollors at each section joint. Vertical tracks mounted for application to wood jambs, except four section doors over 16'-3" wide, five or more section high doors over 14'-3" wide, and all eight or more section high doors which are continuous angle mounted.
Vertical tracks for all steel jamb applications are continuous, reverse angle mounted.

MODELS HWT (wide panel) and **HNT** (narrow panel) — Designed for heavy industrial use where area exceeds 310 sq. ft. or heavier equipment is desired. Furnished with 3" - 11 gauge tracks and heavier 3" Twin Rollors at each section joint. Vertical tracks for all door sizes are continuous angle mounted for wood jamb application and continuous reverse angle mounted for steel jamb application.

OVERDOORS

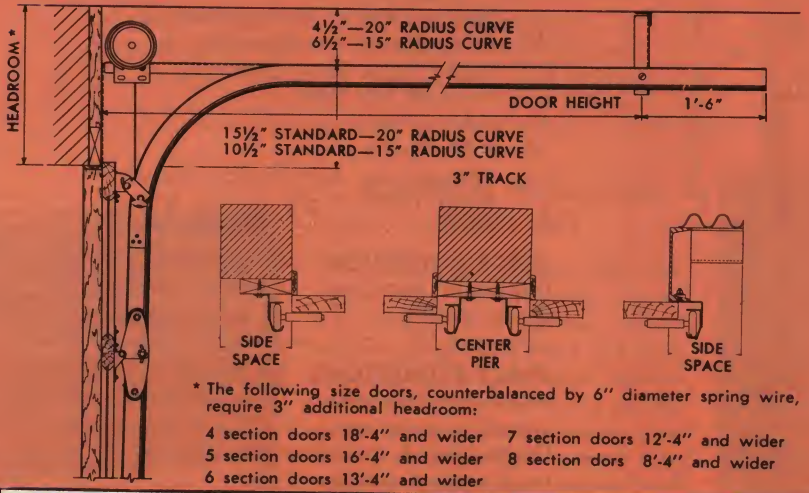
2 INCH TRACK

MODEL CWT and CNT



3 INCH TRACK

MODEL HWT and HNT



* The following size doors, counterbalanced by 6" diameter spring wire, require 3" additional headroom:

4 section doors 18'-4" and wider
5 section doors 16'-4" and wider
6 section doors 13'-4" and wider
7 section doors 12'-4" and wider
8 section dors 8'-4" and wider

SPACE CONDITIONS

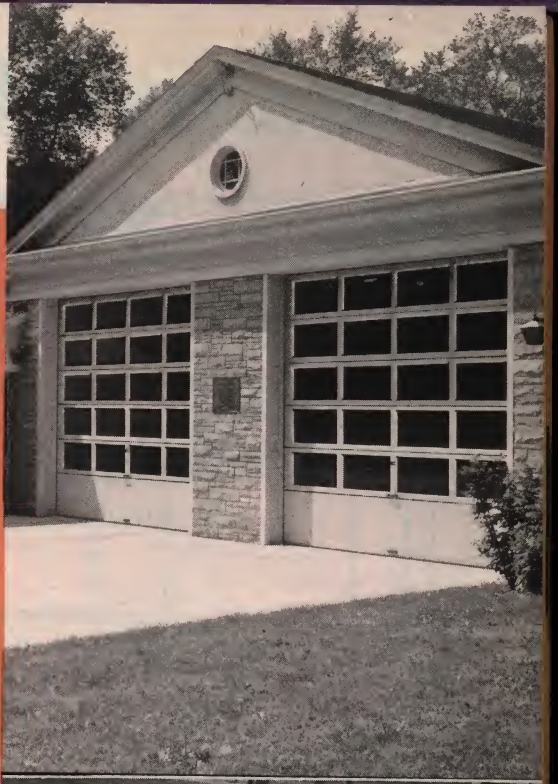
MODEL NO.	TRACK TYPE	MINIMUM HEAD ROOM	WOOD JAMBS		STEEL JAMBS	
			SIDE SPACE	CENTER PIER	SIDE SPACE	CENTER PIER
CWT & CNT	8"—15" Radius	14"	4"	8"	5"	10"
	15"—20" Radius	16½"	4"	8"	5"	10"
	Low Headroom*	7"	5"	10"	6"	12"
HWT & HNT	15" Radius	17"	5"	10"	6"	12"
	20" Radius	20"	5"	10"	6"	12"

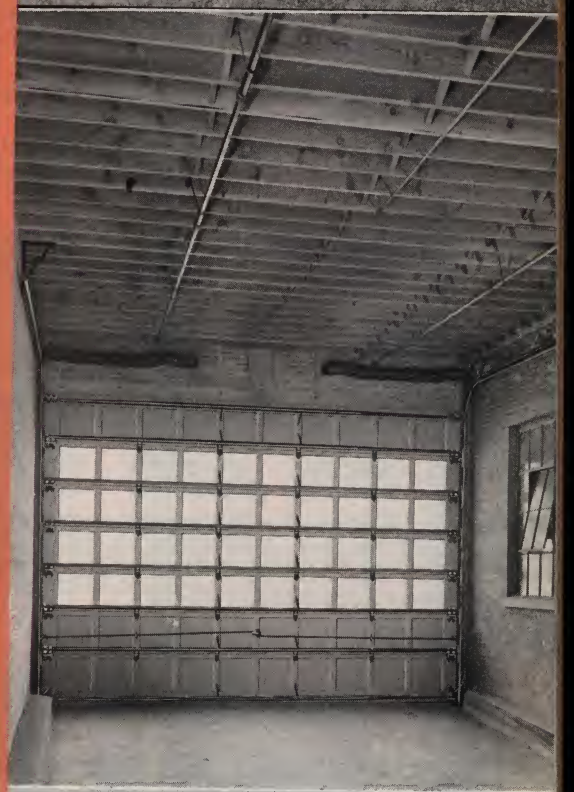
*Furnished for Doors thru 14'-3" wide, or thru 18'-3" if 12'-8" or less high.
For Electric Operation add 4" Headroom.
For Chain Hoist Operation add 5" Headroom and 3" side space for pocket wheel side.
NOTE: Consult your McKee representative for lesser space conditions.

TRUSS BARS

DOOR WIDTH	NUMBER OF SECTIONS IN HEIGHT				
	4	5	6	7	8
10'-4" thru 12'-3"	T	T	T	T	T
12'-4" thru 13'-3"	2-T	2-T	2-4-T	2-4-T	2-4-6-T
13'-4" thru 14'-3"*	B-1-2-TR	B-1-2-3-TR	B-1-2-3-4-TR	B-1-2-3-4-5-TR	B-1-2-3-4-5-6-TR
14'-4" thru 16'-3"*	B-1-2-3-TR	B-1-2-3-4-TR	B-1-2-3-4-5-TR	B-1-2-3-4-5-6-TR	B-1-2-3-4-5-6-7-TR
16'-4" thru 18'-3"*	BR-1-2R-3-TR	BR-1-2R-3-4-TR	BR-1-2R-3-4R-5-TR	BR-1-2R-3-4R-5-6-TR	BR-1-2R-3-4R-5-6R-7-TR
18'-4" thru 26'-3"**	BR-1R-2R-3R-TR	BR-1R-2R-3R-4R-TR	BR-1R-2R-3R-4R-5R-TR	BR-1R-2R-3R-4R-5R-6R-TR	BR-1R-2R-3R-4R-5R-6R-7R-TR
26'-4" and Wider	Special Trussing determined by Door Size.				

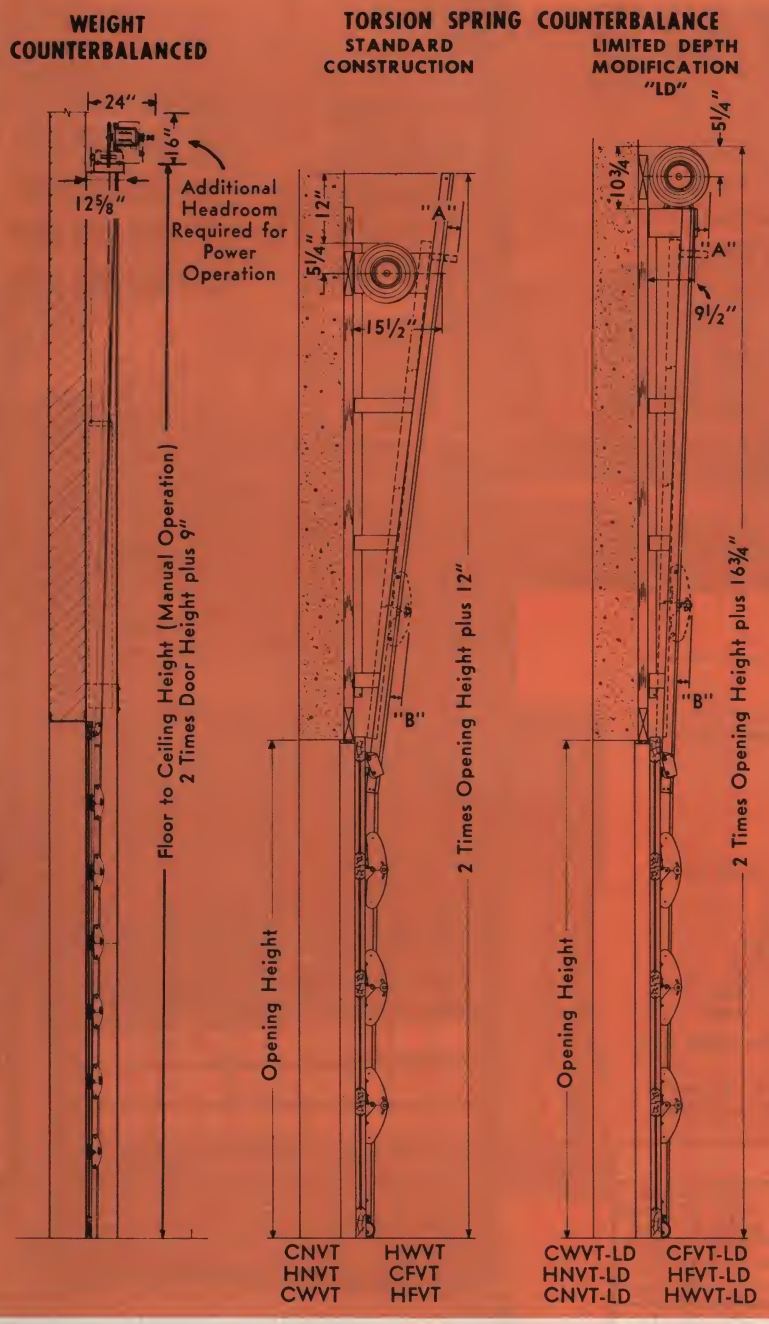
*4" deep tapered Channel Truss used for Reinforced Trusses.
** 6" deep tapered Channel Trusses used at all locations.
Numeral—Section joint; T—Top Rail; B—Bottom Rail; R—Reinforced.
Numeral, T and B—Plain (Track Section) Truss Bars.





McKee VERTICAL LIFT DOORS

General Specifications



McKee Vertical Lift Doors provide overdoor convenience in high ceiling factories, warehouses and other structures requiring unobstructed travel of overhead cranes, power-lift equipment and where maximum utilization of floor to ceiling area is required. This type door rises vertically along the wall, and can be either spring or weight counterbalanced. Door sections, hardware, Twin Rollors, etc. are the same as furnished for standard overdoors.

Spring balanced vertical lift doors are available in the following models:

CWVT CNVT CFVT HWVT HNVT HFVT

Weight balanced vertical lift doors are available in the following models:

CNV40L or R CNV50L or R HNV40L or R HNV50L or R
CWV40L or R CWV50L or R HWV40L or R HWV50L or R
CFV40L or R CFV50L or R HFV40L or R HFV50L or R

KEY TO MODEL CODING:

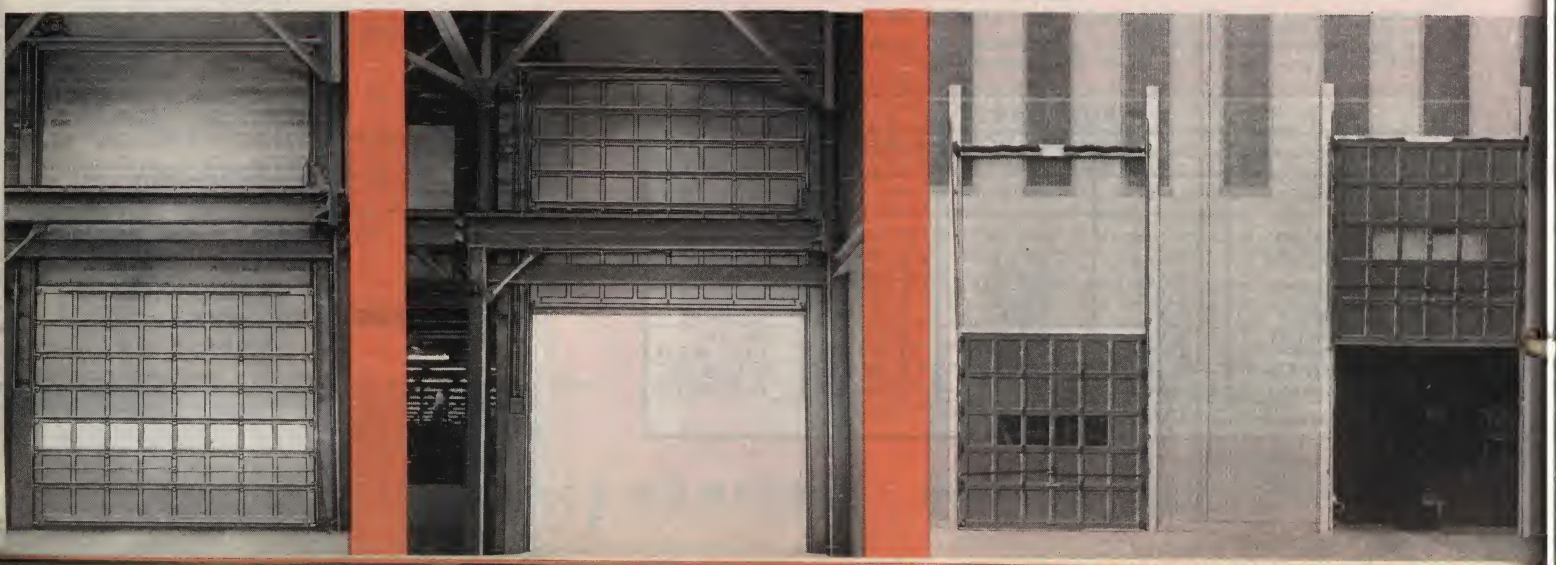
C — Standard Duty Commercial Door 2" Track and Hardware.
H — Heavy Duty Commercial Door 3" Track and Hardware.
N — Narrow Panel Arrangement
W — Wide Panel Arrangement
F — Flush Type Door Sections
V — Vertical Lift Door
40 — #40 Chain
50 — #50 Chain
L — Weight Box Left (Inside View)
R — Weight Box Right (Inside View)
T — Torsion Spring (Spring Counterbalance)

SPACE CONDITIONS Weight Counterbalance — Headroom required — Door height plus 9". Side space required — 7½" on opposite counterweight side and 16" on counterweight side.

SPACE CONDITIONS Spring Counterbalance — Headroom required — Door height plus 12" for standard construction — Door height plus 17" for Limited Depth Modification. Side space — same as for standard overdoors.

Torsion spring counterbalance can be used for doors up through 225 square feet in area. Operation can be manual, chain hoist, or by electric operator.

Weight counterbalanced doors can be furnished in practically any size.



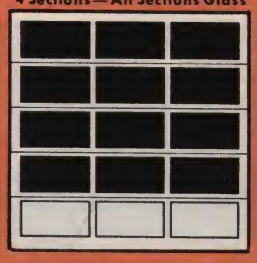
McKee SERVICE STATION OVERDOORS

TYPICAL SERVICE STATION OVERDOORS

Model NLT

Narrow Line—Wood Muntins
Special Height Bottom Rail
4 Sections—All Sections Glass

Model ALT-Aluminum Muntin
Model PLT-Plastic Muntin
Narrow Line—One Panel Wide
Aluminum or Plastic Muntins
5 Sections—All Sections Glass



Model CWT

Standard (CWT) Construction
Panel Bottom Section
5 Sections—Top 4 Sections Glass

Model NLT

Narrow Line—Wood Muntins
Flush Bottom Section
5 Sections—Top 4 Sections Glass

Usual construction consists of 3 equal panels wide with all sections, or all sections except the bottom section, open for DS glass. The bottom section can be open for glass, paneled or flush (plywood faced or plank).

In addition to the Overdoors, matching fixed panels or matching pedestrian doors and transom sections between the Overdoors can be supplied.

For details of Extra Clearance Construction, usually necessary for service stations so that Overdoors in the open position will clear automobiles raised on hoists, *see page 10.*

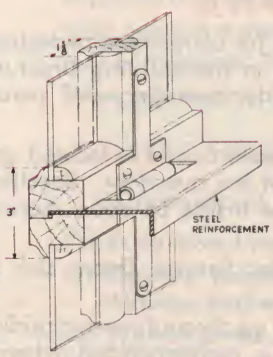
NARROW LINE CONSTRUCTION

WOOD MUNTINS—The wood door has horizontal meeting rails 3" overall and vertical intermediate stiles 1⅝" overall. All meeting rails have a continuous steel angle reinforcement for added rigidity. Furnished in sizes through 13'-3" wide.
ONE PANEL WIDE—The wood door to be glazed with 3 lights of DS glass divided by two plastic or aluminum muntins. The 3¾" overall horizontal meeting rails have a continuous steel angle reinforcement for added rigidity. Doors with Plastic Muntins are furnished in sizes through 10'-3" wide. Aluminum Muntin doors are furnished in sizes through 13'-3" wide.

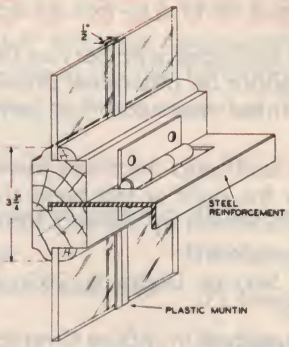
ALUMINUM OVERDOORS MODEL ACT

The McKee Door Company offers the latest in extruded aluminum Overdoors. Completely anodized sections assure lasting beauty and a very minimum of maintenance. Doors available with all solid panels, or any sections open for glass. Panels and/or glass lights are hermetically sealed with plastic extrusions and retained with extruded aluminum molding.

NARROW LINE CONSTRUCTION



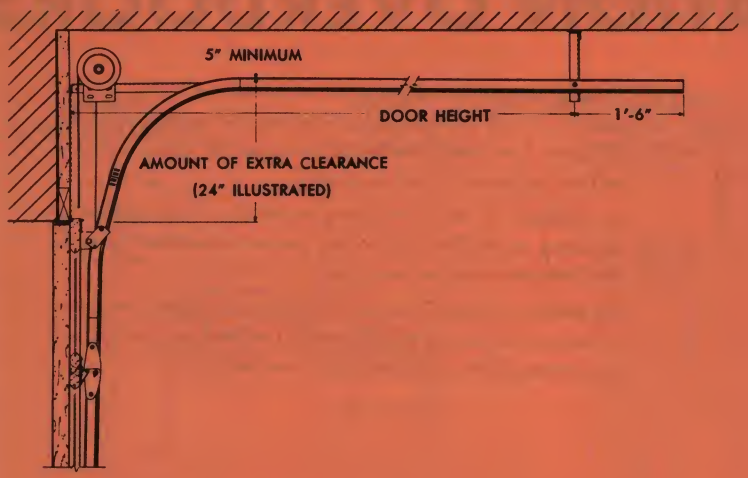
WOOD MUNTINS



ONE PANEL WIDE
WITH PLASTIC MUNTINS

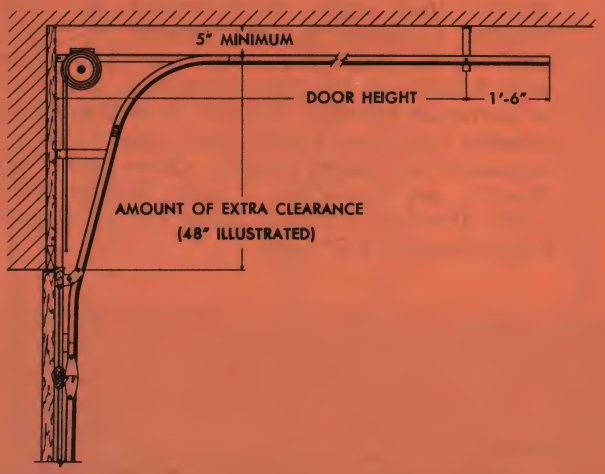
EXTRA CLEARANCE CONSTRUCTION

(FOR HORIZONTAL TRACK UP TO 26" ABOVE LINTEL)



EXTRA CLEARANCE CONSTRUCTION

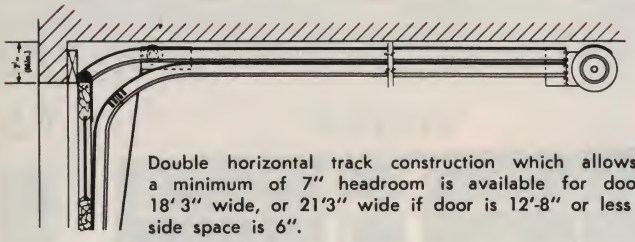
(FOR HORIZONTAL TRACK FROM 27" TO 96" ABOVE LINTEL)



EXTRA CLEARANCE CONSTRUCTION

Recommended for extra clearance under doors in the raised (open) position where power lift trucks are used or storage space requires. This type construction allows the door to rise along the wall to a maximum of 96 inches above the lintel or within 5" of the ceiling before turning horizontally. Graduated cable drums connected to the Twin-Torsion springs insure balanced operation. Suggested for loading docks, factory, commercial and service station installation.

LOW HEADROOM CONSTRUCTION



Double horizontal track construction which allows installation in a minimum of 7" headroom is available for door sizes through 18' 3" wide, or 21'3" wide if door is 12'-8" or less high. Minimum side space is 6".

SERVICE DOORS

McKee Doors can be equipped with Service Doors for convenient pedestrian access when such cannot be otherwise provided in the building structure. Service Doors eliminate the need for constantly operating the parent overdoor.

The Service Door is built into the three lower sections and is located one panel in from either the right or left hand side of the overdoor. Specifications should note placement as viewed from the inside of door. Service Doors always open outward.

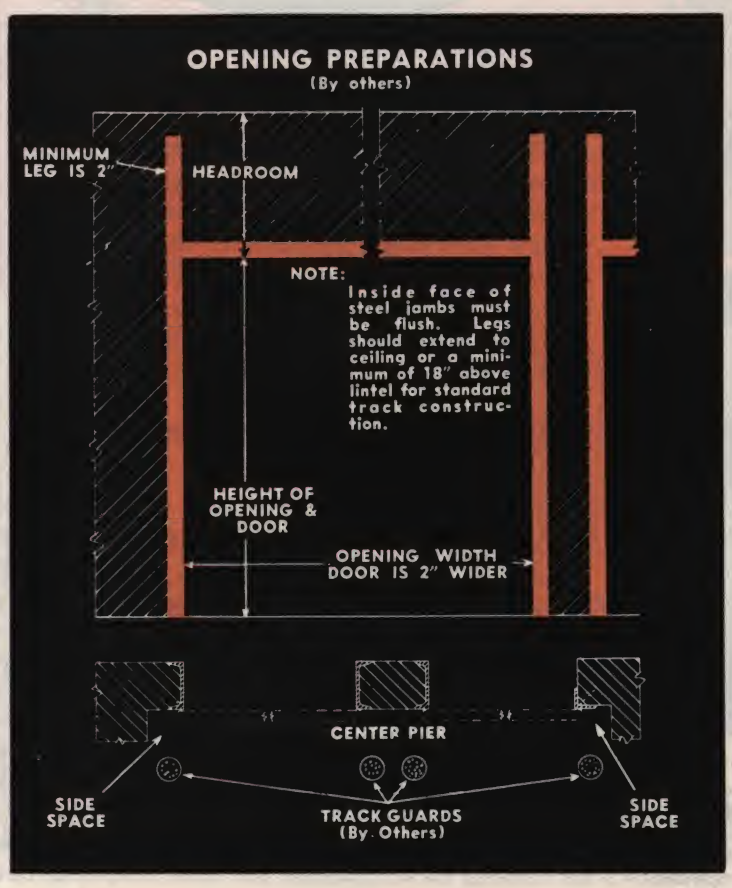
Standard width of Service Doors is 26". Wider Service Doors can be furnished if desired.

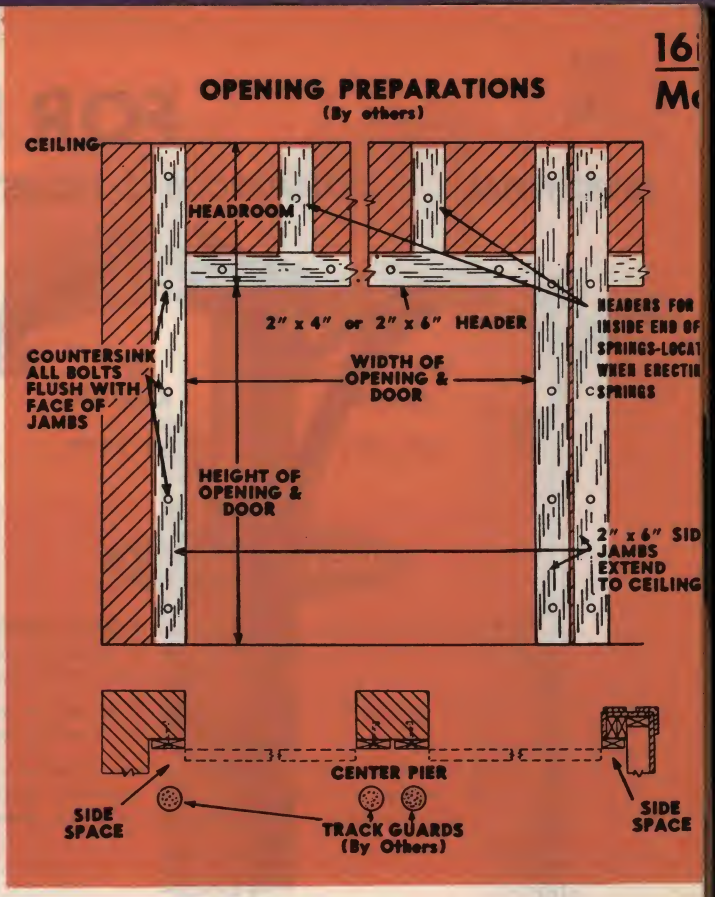
Service Doors are furnished in McKee Overdoors up through and including 21'3" wide; however, a Center Support Track is recommended when a Service Door is built into overdoor wider than 13'4".

OPENING PREPARATIONS FOR WOOD JAMB CONSTRUCTION

The inside face of the opening must be prepared with all members presenting a flush surface. Nothing should project between the jambs, unless it is above the minimum headroom requirement and outside the required amount of side space.

Standard construction for wood jambs should conform with diagram at the right. Doors are furnished only in *even inch* widths and heights. Door height furnished is approximately ¾" higher than opening to allow for scribing and fitting.


OPENING PREPARATIONS
(By others)
MINIMUM LEG IS 2"
HEADROOM
NOTE:
Inside face of steel jambs must be flush. Legs should extend to ceiling or a minimum of 18" above lintel for standard track construction.
HEIGHT OF OPENING & DOOR
OPENING WIDTH DOOR IS 2" WIDER
CENTER PIER
SIDE SPACE
TRACK GUARDS (By Others)
SIDE SPACE



OPENING PREPARATIONS FOR STEEL JAMB CONSTRUCTION

Application to steel jambs can be to any structural member—such as channels, I-beams, or angles presenting a flush face around the inside of the opening. Nothing should project between the jambs, unless it is above the minimum headroom requirement and outside the required amount of side space. Doors are furnished in *even inch* widths and heights only, and must be ordered 2" wider than opening to provide a 1" lap on each side. Door height furnished is approximately ¾" higher than opening to allow for scribing and fitting.

TRACK GUARDS FOR **INDUSTRIAL** INSTALLATIONS—it is strongly recommended that *track guards* be used to protect the vertical tracks in doorways where hand or powered material handling vehicles regularly pass through. A simple track guard is a piece of 4" dia. pipe, approximately 5' high, filled with concrete and set in the floor not closer than 9" to rear of the jambs. Track guards can also be constructed from old railroad rails, I-beams, or heavy steel angles or channels. These guards are provided by others as part of the opening preparation.

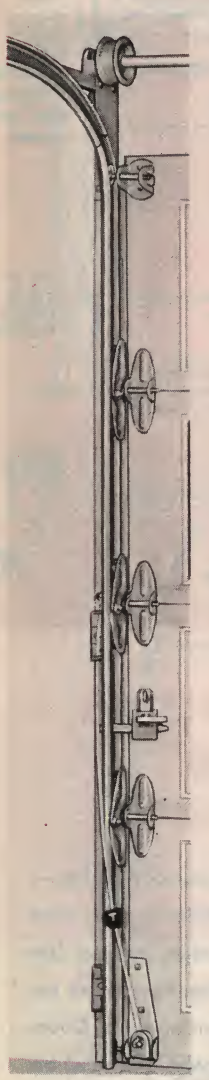
ORDERING DOOR — INFORMATION NEEDED (Residential or Commercial)

Orders should include the following dimensions and information for factory fabrication:

(1) Exact Model Number
(2) Opening height, width, and door thickness desired
(3) Type of jambs
(4) Sash and panel layout
(5) Type of glass to be used
(6) Special features desired
(7) Headroom
(8) Side and/or center pier space
(9) Distance to nearest obstruction at rear of opening
(10) Type of ceiling and direction joists run
(11) Type of building (residence, service station, public garage, industrial building, or other use).

HARDWARE FOR McKEE OVERDOORS

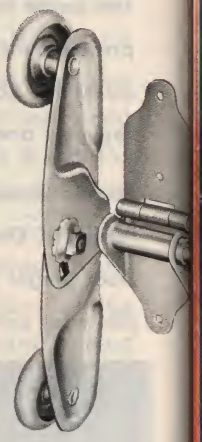
RESIDENTIAL **COMMERCIAL & INDUSTRIAL**



2" BRACKET MOUNTED TRACK
One car Residential Door.

3" ANGLE MOUNTED TRACK
Doors over 16'-3" wide, have double top fixtures and roller bracket hinges.

2" OVERLAPPING STEEL JAMB TRACK
Heavy gauge formed angle welded to track with leg turned inward provides rigid attachment to steel jambs and assures weather tight closure.



(1) TWIN ROLLORS—Two ball-bearing (or nylon) rollers mounted to adjustable plates are used at each section joint. This adjustment in plates enable the Twin Rollors to be used interchangeably at any section joint, and assures a weather-tight seal of the door in the closed position. With the Twin Rollors an unusually even distribution of weight is achieved during the movement of the door through the curved track.

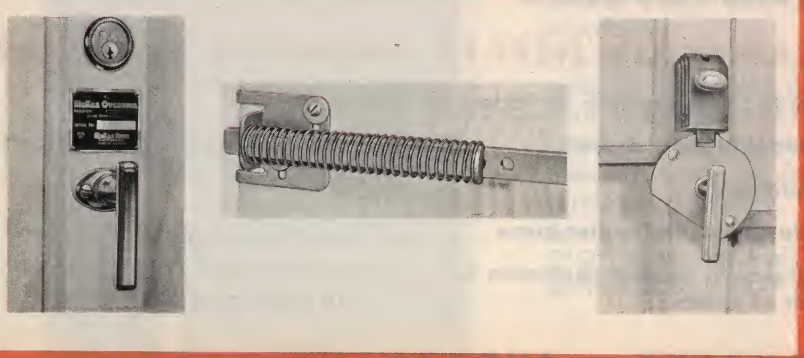
(2) TWIN TORSION SPRINGS—Smooth, even balance is provided by twin torsion springs operating on cable drums. The springs are tailor-made with extremely low stress to exact weight and travel for each door. Spring assemblies are easily adjusted for proper tension. By mounting springs directly over the door opening, a direct pull is applied with the spring loading carried by the door tracks.

Cables are preformed, tinned, high tensile type with adequate safety factor.

(3) OTHER QUALITY HARDWARE FEATURES — Where metal parts are used in McKee Over-doors, you will find high grade materials and top quality construction. Gauges of steel utilized vary from 16 to 11 gauge, depending upon the location of the particular part, the operation involved, and the size of the door. All moving parts are equipped with either roller or ball-bearings. McKee ball-bearing rollers are equipped with chrome steel balls encased within hardened inner and outer races with a one piece steel tire formed around the outer race.

All hardware parts have a rust-resistant ***plated*** finish.

Commercial and Stretch Spring Residential

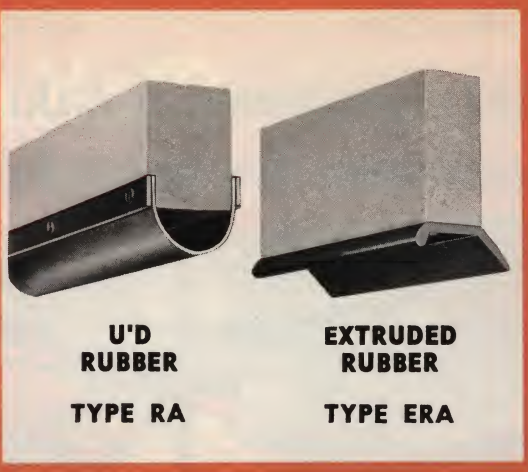


LOCKING DEVICES

Heavy ¼" x ¾" locking bars engage the tracks at each side of the door to assure positive locking. The lock assembly consists of a 5-pin tumbler, cylinder type lock, with 2 keys (keyed as requested—alike, or master keyed to other locks in the building).

WEDGE CLOSING

All Overdoors are equipped with adjustable Twin Rollors (or graduated hinges with single rollers—*Pacemaker* only) and inclined vertical tracks, so that the door sections can be easily adjusted to fit tightly against the jambs in the closed position. As the door opens, it progressively moves away from the jambs, assuring free and easy operation; as the door closes it moves to a weathertight seal. In the event of swelling or shrinking of the wood sections and stop mouldings, this adjustable construction allows easy readjustment.



RUBBER ASTRAGALS

Rubber astragal is furnished only when specified, and is recommended to lessen the shock of the door in closing and insure a weathertight seal.

For residential doors an extruded rubber strip nailed to the bottom rail is suggested.

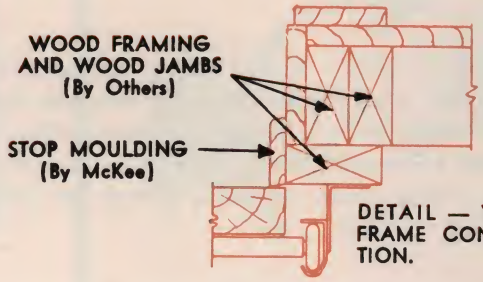
For industrial and commercial installations—use of a U'd rubber astragal is recommended. It is applied to the bottom rail with galvanized steel strips and screws.

DETAIL WOOD AND STEEL JAMB CONSTRUCTION

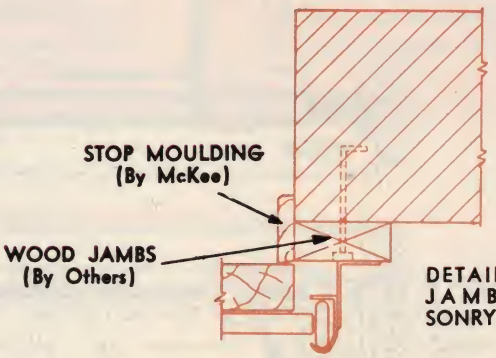
The various section views shown here portray how McKee Overdoors can be installed on any type of building construction. See page 11 for proper preparation of the opening for both wood and steel jambs.

WOOD JAMB CONSTRUCTION—The inclined vertical tracks either have special brackets welded to the tracks, or are mounted on a 12-gauge angle with the leg turned away from the door opening. Both the brackets and angle mounting are fastened to the jambs by means of lag bolts. Wood stop mouldings are furnished as a trim around the prepared opening to ensure tight door closure.

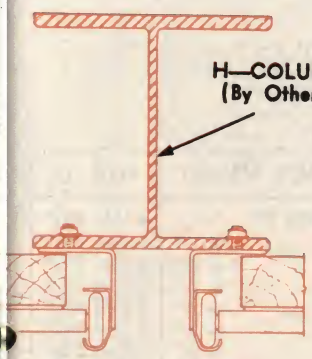
STEEL JAMB CONSTRUCTION—Overlapping Steel Jamb Construction is used. The inclined vertical tracks are mounted on a 12-gauge angle with the leg turned in towards the door opening. The angle mounting is fastened to the jambs either by tapped holes or through bolt fasteners, depending upon the type of jamb construction. Wood stop mouldings are not furnished, but a wood strip is supplied for attaching to the top rail of the door to seal it against the header.



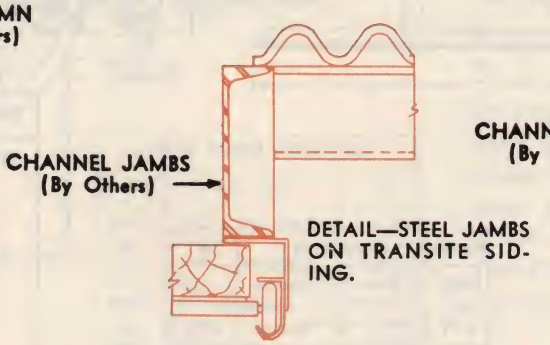
DETAIL — WOOD FRAME CONSTRUCTION.



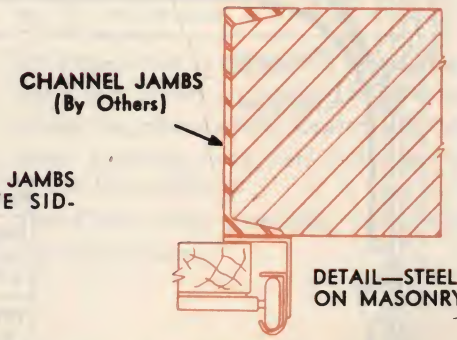
DETAIL — WOOD JAMBS ON MASONRY.



DETAIL — "H" COLUMN.

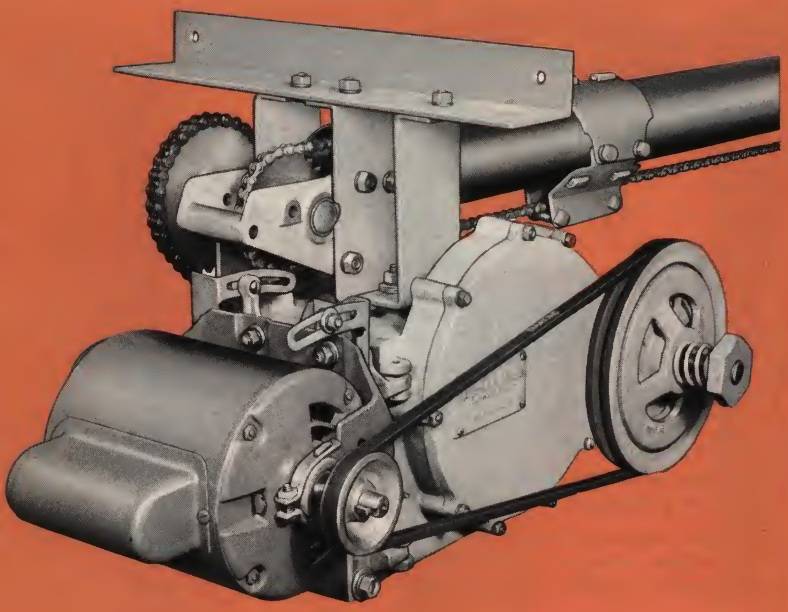


DETAIL—STEEL JAMBS ON TRANSITE SIDING.



DETAIL—STEEL JAMBS ON MASONRY.

McKEE ELECTRIC DOOR



POWER UNIT, REAR VIEW, showing rear hanger attachment and part of operator track. Note the easily adjustable friction clutch, rugged roller chain drive and adjustable motor mounting which simplifies setting the proper V-belt tension.

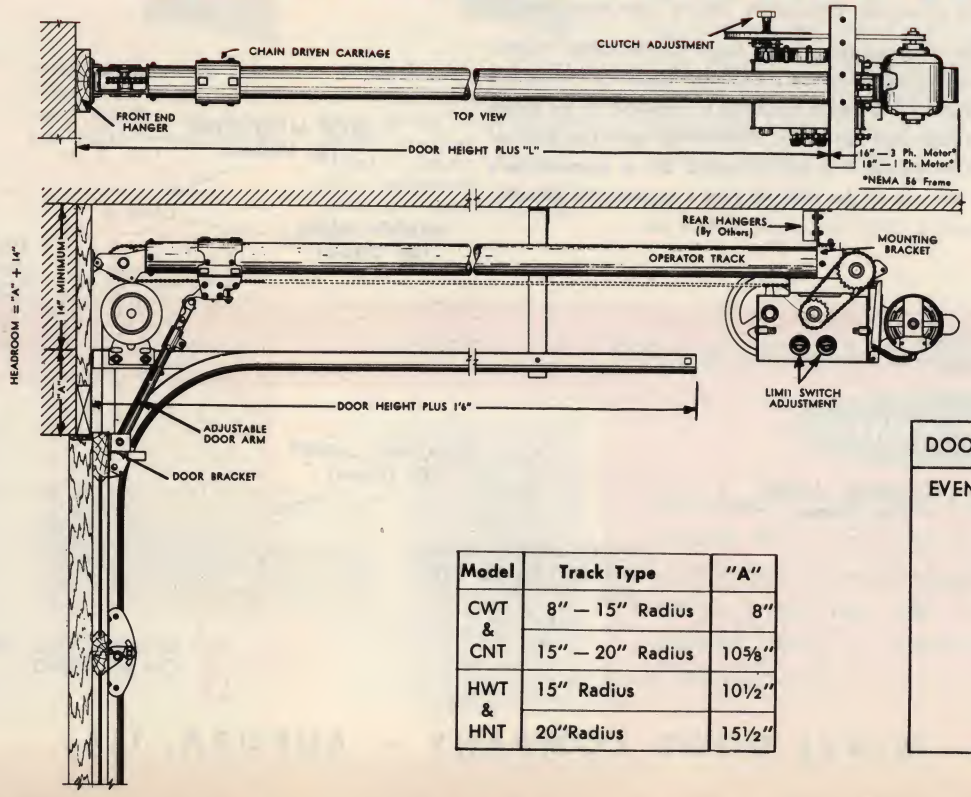
McKEE MODEL 600 SERIES Electric door operators are designed for heavy-duty commercial and industrial use. Power, supplied by a standard 1725 RPM, instantly-reversible motor, is transmitted to the door arm by roller chain through adjustable V-belted friction clutch and spur gear reduction assembly.

Complete factory wiring of the power unit reduces field wiring, time and costs. Only power and control station wiring is required at the installation site.

The Electric Door Operator has three major components, namely: (1) Power unit with motor and controls; (2) Operator track with chain driven carriage; and (3) Arm connection to door. These components are used to operate all standard overdoors. The power unit alone with special drive connections can be used for operating vertical lift type doors, and for other special applications.

SPECIFICATIONS — Electric operators shall be Model 603 as manufactured by the McKEE DOOR COMPANY. Operators shall be equipped with magnetic reversing contactors, traveling nut limit switches, spur gear reduction, adjustable friction clutch, solenoid disc brake and a 3 button control station (open-close-stop) of momentary contact type (or controls as specified). Instantly-reversible motor shall be of such power to suit size of door, and to be wired for _____ volts _____ phase _____ cycle operation.

LAYOUT OF MODEL 600 ELECTRIC DOOR OPERATOR



Model	Track Type	"A"
CWT & CNT	8" — 15" Radius	8"
	15" — 20" Radius	10⅝"
HWT & HNT	15" Radius	10½"
	20"Radius	15½"

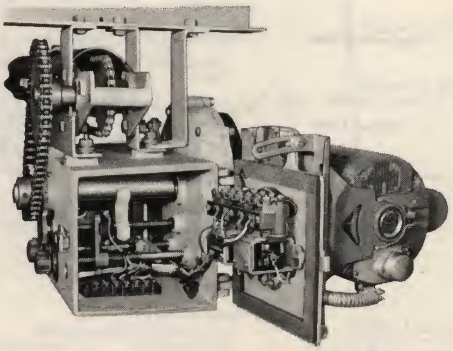
DOOR HEIGHT	PLUS "L"
EVEN FT.	+3'— 9¼"
+ 1"	+3'— 8¼"
+ 2"	+3'— 7¼"
+ 3"	+3'— 6¼"
+ 4"	+3'— 5¼"
+ 5"	+3'— 4¼"
+ 6"	+4'— 3¼"
+ 7"	+4'— 2¼"
+ 8"	+4'— 1¼"
+ 9"	+4'— 0¼"
+10"	+3'—11¼"
+11"	+3'—10¼"

OPERATORS FOR HEAVY DUTY COMMERCIAL USE

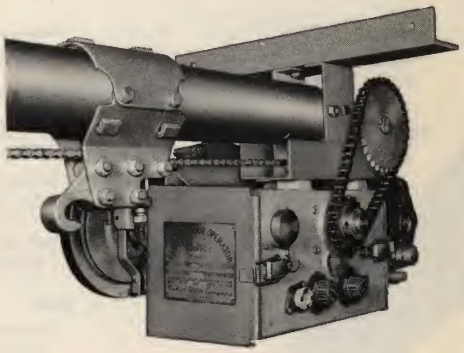
A COMBINATION OF FEATURES FOUND IN NO OTHER ELECTRIC OPERATOR

ELECTRIC DOOR OPERATORS

The wide adaptability of electrical circuits and controls is one of the outstanding features of the Model 600 series of Electric Door Operators. Standard Control is a 3-button station "OPEN-CLOSE-STOP" of momentary contact type. Special circuits and controls are available for constant contact down. Outside weatherproof control stations, key switch, time delay closing, safety astragal, tread switch, radio controls, quick release, auxiliary chain hoist, and other special circuits, controls or features are available to meet specific requirements.

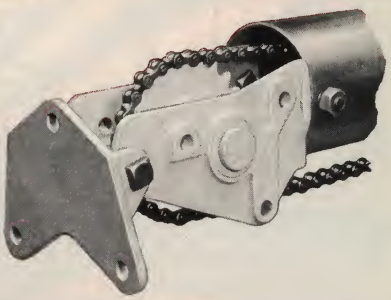


POWER UNIT, REAR VIEW, hinged cover swung open shows accessibility of terminal blocks for easy field wiring of power line and control stations. Opening rear door automatically disengages motor from operator track drive.



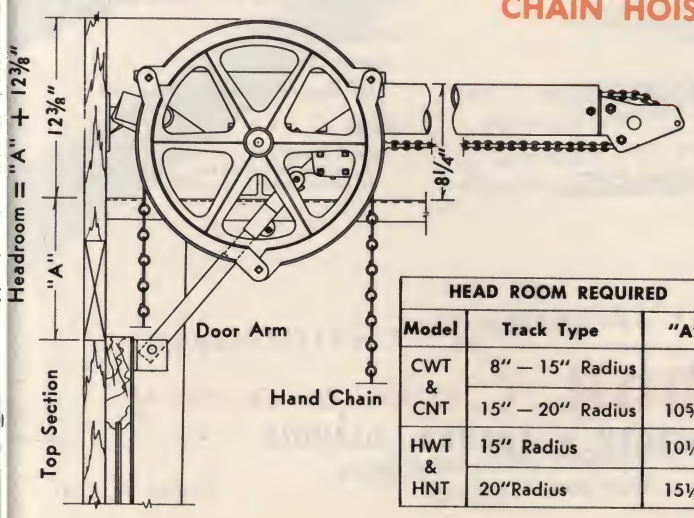
POWER UNIT, FRONT VIEW, shows roller-chain driven carriage on portion of operator track. Note the readily accessible limit control knobs, solenoid disc brake, fuse receptacle, and the noise and friction reducing nylon inserts in the carriage.

View of Front End of Operator Track mounted to wall above door. Parts shown are: (1) Hinged jamb mounting of Operator Track; (2) Chain Driven Carriage and Arm connected to Door; and (3) Chain Pull for quick release of Door Arm.



Front View of Hinged Jamb Mounting of Operator Track. Features shown are: (1) Flat Plate with three holes for mounting above Door; and (2) Hinged Connection of plate to Operator Track.

CHAIN HOIST (Manual Operation)



HEAD ROOM REQUIRED		
Model	Track Type	"A"
CWT & CNT	8" — 15" Radius	8"
	15" — 20" Radius	10⅝"
HWT & HNT	15" Radius	10½"
	20"Radius	15½"

A Chain Hoist is available as optional equipment for use in opening or closing the large or exceptionally high, manually operated Overdoors. It is recommended when the door area exceeds 180 sq. ft., or the door is over 15'-0" high.

Door operation is controlled by pulling on an endless chain that drives a pocketed hand wheel. The handwheel is conveniently located on one side of the door opening, and can only be operated from inside the building.

The Chain Hoist operates independently of door counterbalance.

LET US HELP YOU WITH YOUR PROBLEMS!

REPRESENTATIVES

ARIZONA

Phoenix
McKee Door Sales of Phoenix
1869 North 38th Place ... Alpine 2-5178

ARKANSAS

Little Rock
Capital Steel Company
329 Gazette Building .. Franklin 2-1494

COLORADO

Denver (2)
Associated Builders Supply Company
1421-25 Seventeenth St. .. Acoma 2-5851

CONNECTICUT

Cos Cob
Frank Peters
7 Butler Street ..... Townsend 9-7484

FLORIDA

Maitland
McKee Door Sales of Orlando
R.F.D. #2, Box 135 ..... Valley 8-5902

St. Petersburg
McKee Overdoor Sales Company
1510 Thirtieth Avenue, North
P. O. Box 1041-Station A 54-4692

IDAHO

Boise
Morrison-Merrill and Company
P. O. Box 2900 3-6446

ILLINOIS

Aurora
McKee-Illinois Door Sales, Inc.
85 Hankes Avenue ... Twinoaks 7-4256

Brookfield
McKee Overdoor Sales, Inc.
9038 W. Ogden Avenue . Hunter 5-5000

Chicago (9)
McKee Chicago Door Company
4614 South Western Ave .. Yards 7-1984

Decatur
McKee Door Sales of Decatur
990 West Harrison 3-1355

Freeport
Kaney-Wolf
1322 South Birchard ..... Adams 2-1800

Glencoe
McKee North Shore Sales, Inc.
1155 Skokie Highway
P. O. Box 117 ..... Vernon 5-3040

Peoria
McKee Door Sales of Peoria
211 Seventh Street 4-1528

Quincy
D. H. Rouse Company
McKee Overdoor Division
1315 Broadway ..... Baldwin 2-6240

Rockford
Robert A. Gibson
307 North London 3-7433

INDIANA

Evansville
Van Deest Supply
2406 Gum Street ..... Gr. 6-6558

Fort Wayne
Old Fort Supply Company, Inc.
709 Clay Street ..... Anthony 6425

Hammond
Standard Equipment & Supply Corp.
5020 Hohman Ave. ... Westmore 1-3060

Indianapolis (18)
McKee Door Sales of Indianapolis
5906 East 16th St. ... Fleetwood 6-9066

Lafayette
McKee Overdoor Sales of Lafayette
Division of Sullivan & Fortner Roofing Company
700 N. 31st St. ..... Gibson 7-2887

Michigan City
A. C. Heitschmidt Company
East Michigan Street ... Triangle 2-4433

South Bend (14)
Sumner B. Shimp
1625 Miami Street ..... Atlantic 7-1588

IOWA

Burlington
McKee Overdoor Sales of Burlington
Division of Tri-State Glass Company
625½ North Main Street .. Plaza 2-4491

Cedar Rapids
Automatic Door, Inc.
Division of Iowa Lumber Dealers, Inc.
1204 Ninth St., S.W. .... Empire 5-2544

Davenport
Austin Crabbs, Inc.
1010 Farragut Avenue
P. O. Box 816 2-6294

Des Moines
Automatic Door Company
4039 East 14th Street .. Amhurst 2-7424

Marshalltown
Lander-Landon Company
McKee Overdoor Division
1603 West Main
P. O. Box 304 6666

Mason City
Percy Construction Company
231 Ninth Street, S.E. ... Garden 4-4255

KANSAS

Wichita
Claude Balzer, Inc.
P. O. Box 2141 ..... Murray 3-8241

Hutchinson
L. J. Bromert Mfg. & Dist. Company
319 West Fifth Street
P. O. Box 535 ..... Mohawk 5-6911

KENTUCKY

Paducah
Paducah Iron Company
229-233 South First Street 2-8238

MASSACHUSETTS

Boston
Construction Specialties, Inc.
126 Massachusetts Ave. .. Copley 7-1503

MICHIGAN

Detroit (34)
McKee Overdoor, Inc.
17507 Van Dyke ..... Forest 6-2332

Grand Rapids (3)
McKee Overdoor Sales of Grand Rapids
28 Mayfield, N.E. .... Glendale 8-8319

Kalamazoo
Johnson Door Sales and Service of Kalamazoo
1528 Reycraft Drive .... Fireside 2-7174

Michigan Center
McKee Door Sales of Jackson
4428 Allison Road ..... Porter 4-2645

Saginaw
Charles Burkholder
428 McCoskry Street ... Pleasant 4-9354

MINNESOTA

Cook
T. J. Korber
McKee Door Sales of N.E. Minnesota
Route 1

Minneapolis
Minnesota-McKee Door Company—Div. of Steel Structures, Inc.
821 Ninth Avenue, S.E. .. Federal 9-2786

MISSISSIPPI

Jackson
Contractors Material Company, Inc.
182 N. Gallatin Street
Box 3421—W. Jackson Station .. 3-8381

MISSOURI

Cape Girardeau
Cape Paint and Glass Service
501 Broadway ..... Edgewater 4-2212

Maplewood (17)
Cox Brothers, Inc.
Dist. of McKee Door of Missouri
3101 Bartold ..... Sterling 1-0651

MONTANA

Billings
Hanson Overdoor Sales and Service
1148 North 29th Street 5-5479

Helena
Builders Supply Company ... Hi 2-2520

NEBRASKA

Hastings
Hansen Building Specialties, Inc.
110 South Hastings Avenue 2-2186

Lincoln
W. F. Hoppe Lumber Company
9th & S Streets 2-4202

Omaha
Earl G. Hermie
7060 Maple Street ..... Walnut 2330

NEW YORK

Buffalo (13)
McKee Door Sales Company of Buffalo
Division of Troup Engineering Company
295 Auburn Avenue ..... Garfield 0900

DeWitt
Wm. F. Cummins Company, Inc.
4451 East Genesee St. ... Gibson 6-0901

Jamaica (28)
McKee Door Sales Company, Inc.
Queens Village
211-14 Jamaica Avenue .. Hollis 4-2524

Rochester
McKee Door Sales of Rochester
1292 East Main St. ... Hubbard 2-5170

NORTH DAKOTA

Fargo
Fargo Linoleum Company
616 Second Avenue, North .. Ad. 2-2493

Mandan
Supercrete Industries, Inc.
P. O. Box 111

Minot
Thorsrud Supply Company
129 5th Ave. N.W.—Box 569 2-5111

OHIO

Akron
R. J. Flickinger Company
1574 Akron-Peninsula Rd. ..Walnut 3-9737

Cleveland
McKee Door Sales of Cleveland
2831 Woodhill Rd. .. Sweetbriar 1-5220

Niles
Traichal Construction Company
724 West Street ..... Olympic 2-6346

Portsmouth
McKee Overdoor Sales of Portsmouth
Division of Lancaster and Gulker, Inc.
1401 Chillicothe St. ... Elmwood 3-2858

Springfield
McKee Door Sales of Springfield, Ohio
605 Hubert Avenue .... Fairfax 5-5809

Worthington
Emil E. Kerbler and Company
6491 Proprietors Road ..... Tu. 5-5387

PENNSYLVANIA

Pittsburgh
Allied Materials Company
300 Cedar Blvd. ..... Locust 3-4511

SOUTH CAROLINA

Sumter
B. L. Montague Company
East Liberty Street
P. O. Box 909 ..... Spruce 3-3311

SOUTH DAKOTA

Rapid City (2)
Dakota Steel and Supply Company
P. O. Box 631 ..... Fi. 2-6070

Sioux Falls
Hassenstein Steel Company
300 East Walnut Street 4-7091

TENNESSEE

Chattanooga (1)
The Currin Company
1208 Carter Street ... Amhurst 6-2762

Memphis
McKee Overdoor Sales of Memphis
Division of Dunn, Baskin and Dunn
1319 Clementine Avenue .. W.H. 6-0027

TEXAS

San Angelo
Nesom and Spence
McKee Overdoor & Weatherstripping Company
31 North Chadbourne 6358

UTAH

Salt Lake City (10)
Gerstner Specialties, Inc.
83 Navajo Street
P. O. Box 336 ..... El. 5-2993

VERMONT

Burlington
Vermont Engineering and Supply Co.
207 Flynn Avenue 4-9844

WISCONSIN

Milwaukee
McKee Door Sales and Service of Wisconsin
2435 North Holton St. .. Concord 4-7522

WYOMING

Riverton
J. Teter
2301 West Park Avenue .. Walnut 2330

CANADA

Ontario, Toronto (18)
McKee Door of Canada Ltd.
12 Jutland Road ..... Clifford 9-4442

OVERDOORS McKEE TRADE MARK OPERATORS

McKEE DOOR Company

MAIN OFFICE & FACTORY • AURORA, ILLINOIS

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